Statement of the Claims

No claim amendments are made herein. The following statement of the claims pending is provided for the convenience of the Examiner.

1- 46 (Cancelled)

47. (Previously Presented) A system for distributing high-speed packetized information to a plurality of subscriber units, comprising:

a distributed routing network comprising a plurality of distribution points, each of the plurality of distribution points in communication with at least one access point, each of the at least one access points having a coverage area adapted to service at least one of the plurality of subscriber units, wherein,

a first of the plurality of distribution points is adapted to,

receive the high-speed packetized information from a first subscriber unit, the high-speed packetized information being destined for a second subscriber unit in a coverage area serviced by a second of the plurality of distribution points comprising a host digital terminal distribution center, and

forward the high-speed packetized information directly to the host digital terminal distribution center without routing the high-speed packetized information through a central office, the host digital terminal distribution center adapted to convert the high-speed packetized information to an optical format;

at least one access point in communication with the host digital terminal distribution center, the access point comprising an optical network unit adapted to receive the high-speed packetized information from the distributed routing network and convert the high-speed packetized information from the optical format to a second format;

a network interface device adapted to receive the high-speed packetized information from the optical network unit and forward the high-speed packetized information in the second format to the second subscriber unit.

48. (Previously Presented) The system of claim 47, wherein the second format is compatible with copper wiring.

49. (Previously Presented) The system of claim 47, wherein the second format is compatible with coaxial cable.

50. (Previously Presented) The system of claim 47, wherein the high-speed packetized information is provided through a VDSL service.

51. (Previously Presented) The system of claim 47, wherein the high-speed packetized information is provided through a fiber optic service.

52. (Previously Presented) The system of claim 47, wherein the host digital terminal distribution center provides a plurality of video channels for distribution to the plurality of subscriber units.

53. (Previously Presented) The system of claim 47 wherein at least one of the plurality of subscriber units comprises a mobile device in communication with the at least one access point through a wireless connection.

54. (Previously Presented) The system of claim 47 wherein at least one of the subscriber units comprises a device in communication with the network interface device through a wired connection.

55. (Previously Presented) The system of claim 47 wherein the network interface device is a set-top box located at the subscriber premises.

56. (Previously Presented) The system of claim 47 wherein the network interface device is a gateway at the subscriber premises adapted to forward the high-speed packetized information to the subscriber premises.

57. (Previously Presented) The system of claim 47 wherein the network interface device is a decoder.

58. (Previously Presented) A system for distributing high-speed packetized information to a plurality of subscriber units, comprising:

a host digital terminal video distribution center for storing data and converting the data to high-speed packetized information in an optical format;

a distributed routing network comprising a plurality of distribution points, wherein a first of the plurality of distribution points is adapted to,

receive the high-speed packetized information from the host digital terminal video distribution center, the high-speed packetized information being destined for a one of the plurality of subscriber units in a coverage area serviced by a second of the plurality of the distribution points, and

forward the high-speed packetized information directly to the second of the plurality of distribution points without routing the high-speed packetized information through a central office;

an optical network unit adapted to receive the packetized information from the second of the plurality of distribution points and convert the high-speed packetized information from the optical format to a second format, wherein, the optical network unit comprises a coverage area adapted to service the one of the plurality of subscriber units; and

a network interface device adapted to receive the high-speed packetized information from the optical network unit and forward the high-speed packetized information in the second format to the one of the plurality of subscriber units.

59. (Previously Presented) The system of claim 58, wherein the data stored on the host digital terminal video distribution center comprises a plurality of information channels adapted to be accessed by multiple subscriber units.

60. (Previously Presented) The system of claim 59, wherein the host digital terminal video distribution center is adapted to receive a request from at least one of the plurality of subscriber units to access one of the plurality of information channels.

61. (Previously Presented) The system of claim 60, wherein the host digital terminal video distribution center is adapted to,

respond to the request from the at least one of the plurality of subscriber units to access one of the plurality of information channels; and

deliver the one of the plurality of information channels to the one of the plurality of subscriber units.

62. (Previously Presented) A method of distributing high-speed information packets to at least one of a plurality of subscriber units, comprising:

storing data at a first distribution point comprising a host digital terminal distribution center;

converting the data into a plurality of high-speed information packets;

converting the plurality of high speed information packets into an optical format;

forwarding at least one of the plurality of high-speed information packets from the host digital terminal distribution center directly to a second distribution point through a distributed routing network without using a mobile switching center;

forwarding the at least one of the plurality of high-speed information packets from the second distribution point to an access point comprising an optical network unit;

converting the at least one of the plurality of high-speed information packets from the optical format to a second format;

forwarding the at least one of the plurality of high-speed information packets in the second format from a network interface device to the at least one of a plurality of subscriber units.

63. (Previously Presented) The method of claim 62 further comprising:

processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital terminal distribution center; and

determining if the data stored at the host digital terminal distribution center is available for distribution.

64. (Previously Presented) The method of claim 63 wherein processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital

terminal distribution center comprises determining that the at least one of a plurality of subscriber units requesting the access is within the coverage area of the host digital terminal distribution center.

65. (Previously Presented) The method of claim 63 wherein processing a request at the at least one of a plurality of subscriber units to access the data stored at the host digital terminal distribution center comprises receiving a message from the at least one of a plurality of subscriber units.

66. (Previously Presented) The method of claim 62 further comprising transmitting a dummy address as the destination for the data, the dummy address permitting one or more subscriber units to request and terminate a video channel from the host digital terminal distribution center without disrupting the distribution of the same video channel to any other subscriber units.

67. (Previously Presented) The method of claim 62, further comprising:

determining that the at least one of the plurality of subscriber units is no longer accessing the data;

terminating transmission of the data; and

noting that the at least one of the subscriber units is no longer receiving the data.

68. (Previously Presented) The system of claim 47 wherein, at least one of the host digital terminal distribution center and optical network unit comprises a video distribution center, the video distribution center adapted to receive and relay requests between a video supplier and at least one of a customer gateway and one of the plurality of subscriber units.

69. (Previously Presented) The method of claim 62 further comprising, adding a new access point to the distributed network, wherein the access point further comprises a distribution point.